MAINTENANCE:

Your TWIN-CAT-2 requires no maintenance.

Product Limited Warranty

All Labelmate Products are warranted to the original end-user customer to be free from defects in materials and workmanship. If it is determined by Labelmate that a product has failed under the terms of this warranty, the product will be repaired or replaced at no charge to the customer. Labelmate reserves all rights to determination of coverage and liability under this warranty. The warranty period for all new Labelmate products is outlined below:

Warranty Period	Products Covered
5 years	Label Rewinders Label Unwinders
3 years	Label Counters (mechanical parts only) Label Slitters (mechanical parts only) Label Dispensers Printer Mechanisms
1 year	Power Supply Modules Counter modules Encoders Any products not specified above.

The warranty period for all products starts on the date purchased by the original end-user customer. Warranty coverage is not transferable with ownership and will terminate immediately upon rental, resale or any other change in ownership. This warranty does not cover repair to any product which is damaged, has been modified, is missing parts, or has been opened or repaired by any unauthorised person. Use of any unauthorised accessory or attachment will void coverage. Purchase documentation should be retained for coverage verification.

In the event your product requires service, please contact the distributor you bought the product from. The customer assumes responsibility for all cost and risk incurred in transport for service.

Labelmate makes no other warranty of any kind expressed or implied, or to suitability or fitness for a particular purpose. No other person, agent or reseller is authorised to give any warranties on behalf of Labelmate. Any obligation to warranty other than that specifically addressed above is hereby disclaimed.

LABELMATE LLC
69 AVENUE ALPHONSE XIII, 1180 BRUSSELS, BELGIUM
TEL: +322.375.69.60 – FAX: +322.375.38.96
brussels@labelmate.com
www.labelmateeurope.com

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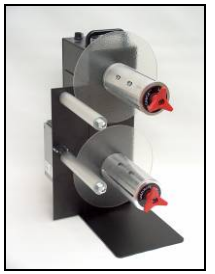
TWIN-CAT-2

Dual Spindle Heavy-Duty Rewinder/Unwinder

- ***Switched Dual Range and Directional Controls x 2***
- ***Constant Adjustable Torque™ "CAT" technology***
- ***Dual Adjustable Speed Control up to 760mm (30") per second***
- ***Dual Variable Torque Control***

TWIN-CAT-2-ACH



TWIN-CAT-2 with two Quick-Chucks and INSP-1 + PC-1 Options

Remove all parts from the shipping container and verify contents.

PACKAGE CONTENTS:

- *User Manual (this document)*
- *TWIN-CAT-2 Drive Unit*
- *Power Supply Module*
- *Allen Wrench(es)*
- *LABELMATE "Quick-Chuck" ™ Quick-Locking Core Chuck*
  ***or** Standard Shaft with three (3) metal Vanes installed,*
  ***or** Model-10-INCHES Shaft with six (6) metal Vanes installed,*
  ***or** Model –ACH: Adjustable Core Holder*
- *Flange Plates as appropriate.*

Retain the Shipping Container and Packaging for Storage and Transport

SPECIFICATIONS:

Weight of the machine: 13,2Kg to 21Kg depending on model.
Max. Label Roll Weight: 2 x 5Kg.
Max. Label Roll Diam: 220mm.
Start/Stop: 2 x ON/OFF/ON Direction Switches.
Power Supply: Input: 220-240VAC – 50-60Hz.
Output: 15VDC – 4.6A.

● ***KEEP MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE*** ●

WARNING!
This Product is for indoor use only.
Not for use in wet locations.

IMPORTANT INFORMATION:

- This product is a label unwinder/rewinder. It is only to be used to unwind/rewind labels of the recommended dimensions and weight in an indoor, dry environment.
- The machine has to be unplugged before any manipulation.
- The machine is to be used on a flat surface, if the surface is not flat, it is to be fixed using the holes in the base plate.
- Do not leave the power cable in a passageway.
- The ambient light of the working area needs to be sufficient to avoid any risk.
- The unwinder/rewinder can be used in ambient temperatures of +2°C to 40°C.
- Connection of the machine to the power source must respect local and European legislations.

SET-UP:

(if you have the ACH Adjustable Core Holder option Skip to step 4).

1. **STANDARD AND 10":** Identify the inner Label Flange. Slide the Flange Plate onto the hollow end of the Rewind Shaft. For maximum width, the Flange face should be flush with the end of the Shaft. Tighten the screw in the Hub until it is snug. Not too tight.
2. **CHUCK:** Mount the inner Flange onto the Quick-Chuck with two screws provided.
3. Slide the Shaft and Flange Assembly onto the TWIN-CAT-2 Motor Shafts allowing for clearance to the TWIN-CAT-2 Chassis and Motor Screws. Tighten the Allen Screw onto the flat part of the Motor Shaft until it is tight.
4. **ACH:** Slide the Hub of the ACH over the motor Shaft of the TWIN-CAT-2. Position the Hub so there is a gap between the ACH Hub and the Rewinder Drive Unit case. Tighten the Allen Screw onto the flat part of the Motor Shaft until it is tight.
5. Set the TWIN-CAT-2 in place where you want it.
6. **CAUTION: AVOID ACCIDENTS. THE TWIN-CAT-2 WEIGHS 13KG AND 21KG, SO CHOOSE ONLY A STURDY SURFACE ON WHICH TO SET THE UNIT.**
7. Verify that the "DIRECTION" Switches on the TWIN-CAT-2 Control Panel is in the "OFF" position.
8. Plug the Power Plug at the end of the wire on the AC Wall Transformer into the TWIN-CAT-2 Power Input Jack. Plug the AC Transformer into an appropriate AC power outlet. The unit is now ready for use.

FOR YOUR SAFETY:
Switch off device before any manipulation.

LABEL REWINDING:

The TWIN-CAT-2 is bi-directional. Either Spindle can wind labels in either direction.

1. Place the "DIRECTION" Switches on the TWIN-CAT-2 Control Panel in the centre "OFF" position.
2. Slide an empty label core over the desired Core until the core is against the inner Flange Plate. On the Quick-Chuck, tighten the Lock Knob (for an ACH see the ACH user manual).
3. Feed the label web from the printer and secure it to the take-up roll core with tape. Rotate the take-up reel a couple of turns.
4. Rotate the "TORQUE" Control Know to the minimum position (fully counter-clockwise).
5. Place each TWIN-CAT-2 "DIRECTION" Switch in the position desired to run left or right.
6. Start the printer and adjust the "TORQUE" Control Knob for the desired take-up tension. The Upper and Lower Spindles are controlled independently and together can be set to control the rewind / unwind tension and speed.
7. Use the minimum "TORQUE" setting needed to rewind labels properly. Excessive torque might pull the labels too hard and cause the printer to lose registration.

WIND-IN / WIND OUT:

You can use the Dual Spindles to reverse the direction the labels are facing. You can also rewind the labels so that they are in the original (serialised) order they came out of the printer. An optional Adjustable Paper Guide (APG-CAT) can be fitted to help guide the outer edge of the lower label roll as it rewinds.

EXTERNAL HALT CONTROL:

An External Halt Control jack on the CAT-3 is for use with external devices capable of providing an open circuit halt command. A 3.5mm control cable is necessary for use (not included).

With Pin 2 and Pin 3 of the External Halt Control circuit closed (connected together using a 3.5mm dual circuit plug), the CAT-3 will operate. When the External Circuit is opened, the CAT-3 will stop.

3.5mm “EXTERNAL HALT CONTROL” Plug (Dual Circuit Plug)
Contact CLOSED=RUN Contact OPEN=HALT
Pin 1 - No connection (NOT USED)
Pin 2 - Normally Closed (NC) contact
Pin 3 - Normally Closed (NC) contact return